

Message Text

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SUBJECT: CANADA EXPANDS INTERNATIONAL ENERGY RESEARCH
PROGRAM

DEPARTMENT FOR OES/NET
DEPARTMENT PLEASE PASS DOE/VANDERRYN

1. SUMMARY: IN NEWS RELEASE DATED 12 APRIL 1978 THE
GOC ANNOUNCED SIGNING OF FOUR NEW INTERNATIONAL RESEARCH
AGREEMENTS DURING IEA GOVERNING BOARD MEETING IN TOKYO.
THE FOUR AGREEMENTS COVER THE AREAS OF BIOMASS, WAVE,
AND SOLAR ENERGY, AND ENERGY CASCADING. THIS WILL
BRING TO FOURTEEN THE NUMBER OF IEA RESEARCH PROJECTS
IN WHICH CANADA PARTICIPATES. END SUMMARY.

2. IN THE BIOMASS PROJECT CANADA'S CONTRIBUTION WILL
BE IN TREE GROWTH AND PRODUCTION; HARVESTING, ON-SITE
PRODUCTION AND TRANSPORTATION; CONVERSION OF BIOMASS
INTO CLEAN FUELS AND PETROCHEMICAL SUBSTITUTES; AND
FEASIBILITY SYSTEMS COVERING BIOMASS PRODUCTION TO FUEL
MARKETING. THE LEAD CANADIAN AGENCY FOR BIOMASS WILL
BE THE CANADIAN FORESTRY SERVICE (PART OF ENVIRONMENT
CANADA).

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3. CANADA'S CONTRIBUTION TO THE WAVE ENERGY PROJECT
(WHICH IS LED BY JAPAN) WILL BE IN THE FIELD OF
INSTRUMENTATION AND DATA ANALYSIS TO DETERMINE ACTUAL
ENERGY CONTENT OF WAVES APPROACHING THE "KAIMEI". THE
CANADIAN LEAD AGENCY WILL BE THE NATIONAL RESEARCH
COUNCIL (NRC).

4. CANADA WILL PARTICIPATE IN THREE SOLAR RESEARCH TASKS--THE PERFORMANCE TESTING OF SOLAR COLLECTORS, THE DEVELOPMENT OF A SOLAR RADIATION HANDBOOK AND INSTRUMENTATION PACKAGE, AND THE USE OF EXISTING METEOROLOGICAL DATA FOR SOLAR APPLICATIONS. THE NRC ALSO WILL BE THE CANADIAN LEAD AGENCY FOR THESE TASKS.

5. THE OFFICE OF ENERGY CONSERVATION IN THE DEPARTMENT OF ENERGY, MINES AND RESOURCES (EM&R) WILL HEAD UP CANADA'S EFFORT IN THE ENERGY CASCADING PROGRAM. THE PROGRAM WILL EXAMINE THE USE OF CURRENTLY WASTED ENERGY, USUALLY HEAT, FOR THE GENERATION OF ELECTRICITY BY DIFFERENT CONVERSION CYCLES, FOR USE AS PROCESS HEAT, AND FOR SPACE HEATING APPLICATIONS.

6. CANADA WILL BE JOINING THE OTHER INTERNATIONAL PARTICIPANTS IN THESE IEA PROJECTS.

7. NOTE: ALTHOUGH CANADA'S PROGRESS HAS BEEN SOMEWHAT SLOW IN THE RENEWABLE ENERGY AREAS (EXCEPTING HYDRO), THE MOMENTUM IS BUILDING FOR INCREASED LEVELS OF FUNDING FOR ITS DOMESTIC PROGRAMS AND FOR INCREASED PARTICIPATION IN IEA ACTIVITIES. COPIES OF THE PRESS RELEASE WILL BE POUCHED TO THE DEPARTMENT AND TO DOE.

ENDERS

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